

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/491,322

DATE: 11/20/2000
TIME: 23:36:43

INPUT SET: S36123.raw

This Raw Listing contains the General
Information Section and up to the first 5 pages.

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SEQUENCE LISTING

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TECH CENTER 1600/2900

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(1) General Information:

(i) APPLICANT: Hein, Mich B.
Hiatt, Andrew C.
Ma, Julian K.C.

(ii) TITLE OF INVENTION: TRANSGENIC PLANTS EXPRESSING ASSEMBLED
SECRETORY ANTIBODIES

(iii) NUMBER OF SEQUENCES: 26

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: THE SCRIPPS RESEARCH INSTITUTE
(B) STREET: 10666 North Torrey Pines Road, TPC-8
(C) CITY: La Jolla
(D) STATE: California
(E) COUNTRY: US
(F) ZIP: 92037

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.25

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: 09/491,322
(B) FILING DATE:
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: 08/642,406
(B) FILING DATE:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: US 07/427,765
(B) FILING DATE: 27-OCT-1989

(viii) ATTORNEY/AGENT INFORMATION:

(A) NAME: Logan, April C.
(B) REGISTRATION NUMBER: 33,950
(C) REFERENCE/DOCKET NUMBER: 184.2

(ix) TELECOMMUNICATION INFORMATION:

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47 (A) TELEPHONE: (619) 554-2937
48 (B) TELEFAX: (619) 554-6312
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51 (2) INFORMATION FOR SEQ ID NO:1:
52

53 (i) SEQUENCE CHARACTERISTICS:
54 (A) LENGTH: 18 base pairs
55 (B) TYPE: nucleic acid
56 (C) STRANDEDNESS: single
57 (D) TOPOLOGY: linear

58 (ii) MOLECULE TYPE: DNA (genomic)
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60 (iii) HYPOTHETICAL: NO
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62 (iv) ANTI-SENSE: NO
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66 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
67

68 CCTTGACCGT AAGACATG
69

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70 (2) INFORMATION FOR SEQ ID NO:2:
71

72 (i) SEQUENCE CHARACTERISTICS:
73 (A) LENGTH: 22 base pairs
74 (B) TYPE: nucleic acid
75 (C) STRANDEDNESS: single
76 (D) TOPOLOGY: linear
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78 (ii) MOLECULE TYPE: DNA (genomic)
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80 (iii) HYPOTHETICAL: NO
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82 (iv) ANTI-SENSE: NO
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86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
87

88 AATTCATGTC TTACGGTCAA GG
89

22

90 (2) INFORMATION FOR SEQ ID NO:3:
91

92 (i) SEQUENCE CHARACTERISTICS:
93 (A) LENGTH: 33 base pairs
94 (B) TYPE: nucleic acid
95 (C) STRANDEDNESS: single
96 (D) TOPOLOGY: linear
97

98 (ii) MOLECULE TYPE: DNA (genomic)
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100 (iii) HYPOTHETICAL: NO
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102 (iv) ANTI-SENSE: NO
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105
106 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
107
108 TGTGAAAACC ATATTGAATT CCACCAATAC AAA
109
110 (2) INFORMATION FOR SEQ ID NO:4:
111
112 (i) SEQUENCE CHARACTERISTICS:
113 (A) LENGTH: 45 base pairs
114 (B) TYPE: nucleic acid
115 (C) STRANDEDNESS: single
116 (D) TOPOLOGY: linear
117
118 (ii) MOLECULE TYPE: DNA (genomic)
119
120 (iii) HYPOTHETICAL: NO
121
122 (iv) ANTI-SENSE: NO
123
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125
126 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
127
128 ATTTAGCACA ACATCCATGT CGACGAATTC AATCCAAAAA AGCAT
129
130 (2) INFORMATION FOR SEQ ID NO:5:
131
132 (i) SEQUENCE CHARACTERISTICS:
133 (A) LENGTH: 42 base pairs
134 (B) TYPE: nucleic acid
135 (C) STRANDEDNESS: single
136 (D) TOPOLOGY: linear
137
138 (ii) MOLECULE TYPE: DNA (genomic)
139
140 (iii) HYPOTHETICAL: NO
141
142 (iv) ANTI-SENSE: NO
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145
146 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
147
148 GGGGAGCTGG TGGTGAATT CGTCGACCTT TGTCTCTAAC AC
149
150 (2) INFORMATION FOR SEQ ID NO:6:
151
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153 (i) SEQUENCE CHARACTERISTICS:
154 (A) LENGTH: 30 base pairs
155 (B) TYPE: nucleic acid
156 (C) STRANDEDNESS: single
157 (D) TOPOLOGY: linear
158
159 (ii) MOLECULE TYPE: DNA (genomic)
160
161 (iii) HYPOTHETICAL: NO
162
163 (iv) ANTI-SENSE: NO
164
165
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
167
168
169 CCATCCCATG GTTGAATTCA GTGTCGTCAG
170
171 (2) INFORMATION FOR SEQ ID NO:7:
172 (i) SEQUENCE CHARACTERISTICS:
173 (A) LENGTH: 45 base pairs
174 (B) TYPE: nucleic acid
175 (C) STRANDEDNESS: single
176 (D) TOPOLOGY: linear
177
178 (ii) MOLECULE TYPE: DNA (genomic)
179
180 (iii) HYPOTHETICAL: NO
181
182 (iv) ANTI-SENSE: NO
183
184
185
186 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
187
188
189 CTGCAACTGG ACCTGCATGT CGACGAATTC AGCTCCTGAC AGGAG
190
191 (2) INFORMATION FOR SEQ ID NO:8:
192 (i) SEQUENCE CHARACTERISTICS:
193 (A) LENGTH: 42 base pairs
194 (B) TYPE: nucleic acid
195 (C) STRANDEDNESS: single
196 (D) TOPOLOGY: linear
197
198 (ii) MOLECULE TYPE: DNA (genomic)
199
200 (iii) HYPOTHETICAL: NO
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202 (iv) ANTI-SENSE: NO
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206 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
207
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209 CCTGTAGGAC CAGAGGAATT CGTCGACACT GGGATTATTT AC

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210 (2) INFORMATION FOR SEQ ID NO:9:
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212 (i) SEQUENCE CHARACTERISTICS:
213 (A) LENGTH: 75 base pairs
214 (B) TYPE: nucleic acid
215 (C) STRANDEDNESS: single
216 (D) TOPOLOGY: linear
217

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218 (ii) MOLECULE TYPE: DNA (genomic)
219

220 (iii) HYPOTHETICAL: NO
221

222 (iv) ANTI-SENSE: NO
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224
225

226 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
227

60

228 GAATTCATTC AAGAATAGTT CAAACAAGAA GATTACAAAC TATCAATTTC ATACACAATA
229

75

230 TAAACGATTA AAAGA
231

232 (2) INFORMATION FOR SEQ ID NO:10:
233

234 (i) SEQUENCE CHARACTERISTICS:
235 (A) LENGTH: 90 amino acids
236 (B) TYPE: amino acid
237 (D) TOPOLOGY: linear
238

239 (ii) MOLECULE TYPE: peptide
240

241 (v) FRAGMENT TYPE: N-terminal
242
243
244

245 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
246

247 Met Arg Phe Pro Ser Ile Phe Thr Ala Val Leu Phe Ala Ala Ser Ser
248 1 5 10 15

249 Ala Leu Ala Ala Pro Val Asn Thr Thr Thr Glu Asp Glu Thr Ala Gln
250 20 25 30

251 Ile Pro Ala Glu Ala Val Ile Gly Tyr Ser Asp Leu Glu Gly Asp Phe
252 35 40 45

253 Asp Val Ala Val Leu Pro Phe Ser Asn Ser Thr Asn Asn Gly Leu Leu
254 50 55 60
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SEQUENCE VERIFICATION REPORT
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Original Text

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SEQUENCE MISSING ITEM REPORT
PATENT APPLICATION US/09/491,322

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<< THERE ARE NO ITEMS MISSING >>

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SEQUENCE CORRECTION REPORT
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